

1 **Claims**

2 1. A blowtorch comprising a reservoir for storing gas, a valve for
3 controlling the flow of the gas from the reservoir, a nozzle for
4 spraying the gas from the valve, an igniter for igniting the gas
5 sprayed from the nozzle, a handle device for controlling the valve
6 and the igniter and a security device for keeping the handle device in
7 check.

8 2. The blowtorch according to claim 1 wherein the valve includes:
9 a housing through which the reservoir is communicated with the
10 nozzle;
11 a pusher that extends from the housing and is operable so as to
12 switch the valve between a communicating mode and a blocking
13 mode; and
14 a driver that extends from the housing and can be rotated in order
15 to adjust the flow rate of the gas through the valve.

16 3. The blowtorch according to claim 2 wherein the handle device is
17 connected with the driver and in contact with the pusher and the
18 igniter.

19 4. The blowtorch according to claim 3 wherein the handle device
20 includes an internal button in contact with the pusher and the igniter
21 and a knob connected with the driver.

22 5. The blowtorch according to claim 4 wherein the internal button is
23 movable in the knob.

24 6. The blowtorch according to claim 5 wherein the security device
25 includes an external button connected with the internal button in the
26 knob and a lock for locking the external button to the knob.

- 1 7. The blowtorch according to claim 6 wherein lock is installed
- 2 substantially in the external knob.
- 3 8. The blowtorch according to claim 7 wherein the external button
- 4 includes a cylinder defining an aperture, and the lock includes a latch
- 5 extending through the aperture for abutment against the knob.
- 6 9. The blowtorch according to claim 8 wherein the security device
- 7 further includes a spring compressed between the cylinder and the
- 8 latch.
- 9 10. The blowtorch according to claim 9 wherein the lock further
- 10 includes a stem extending into the spring.
- 11 11. The blowtorch according to claim 10 wherein the lock further
- 12 includes a body from which the latch and the stem extend in opposite
- 13 directions.
- 14 12. The blowtorch according to claim 11 wherein the external button
- 15 includes a disc from which the cylinder extends and a slot defined in
- 16 the disc, and the body extends through the slot.
- 17 13. The blowtorch according to claim 12 wherein the lock includes a
- 18 head from which the body extends.
- 19 14. The blowtorch according to claim 13 wherein the head is provided
- 20 with an indication.
- 21 15. The blowtorch according to claim 6 wherein the internal button
- 22 includes two tubes extending from a side thereof, and the external
- 23 button includes two inserts extending from a side thereof into the
- 24 tubes.
- 25 16. The blowtorch according to claim 15 wherein the knob includes a
- 26 hub in which the driver is fit, a cylinder in which the internal button

1 and the external button are movable, a ring formed between the hub
2 and the cylinder thereof and two slots through the tubes extend.

3 17. The blowtorch according to claim 5 further includes a retaining
4 device for retaining the internal button in a pressed position in the
5 knob.

6 18. The blowtorch according to claim 16 wherein the retaining device
7 includes two rods extending from the internal button, an annular
8 shoulder formed on an internal side of the knob and two recesses cut
9 into the annular shoulder, and the rods are put in the recesses in a
10 non-pressed position and put against the annular shoulder in the
11 pressed position.

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